AMENDMENTS TO THE CLAIMS:

This listing of claims will replace all prior versions and listings of claims in the application:

1-6. Cancelled.

7. (Currently Amended) An object detection system comprising:

a radar detection unit ~~(2)~~ that detects an object using a radar;

an image detection unit ~~(3)~~ that detects an object using an image; and

a collating unit ~~(4)~~ that performs collation between a detection result of the radar detection unit ~~(2)~~ and a detection result of the image detection unit ~~(3)~~, wherein;

the collating unit ~~(4)~~ detects a combination of an object detected by the radar detection unit ~~(2)~~ and an object selected among those detected by the image detection unit ~~(3)~~, which is the closest to the object detected by the radar detection unit ~~(2)~~, detects a combination of an object detected by the image detection unit ~~(3)~~ and an object selected among those detected by the radar detection unit ~~(2)~~, which is the closest to the object detected by the image detection unit ~~(3)~~, determines whether there is a coincidence between the combination of the object detected by the radar detection unit ~~(2)~~ and the selected object as being closest thereto and the combination of the object detected by the image detection unit ~~(3)~~ and the selected object as being closest thereto, and determines, when there is the coincidence, that the object detected by the radar detection unit ~~(2)~~ is the same as the object detected by the image detection unit ~~(3)~~.

8. (Currently Amended) The object detection system according to claim 7, wherein the radar detection unit ~~(2)~~ comprises at least one of a millimeter-wave radar and a laser radar.

9. (Currently Amended) The object detection system according to claim 7 or 8, wherein the image detection unit ~~(3)~~ comprises a stereo camera.

10. (Currently Amended) A method of detecting an object in a system ~~(1)~~ including a radar detection unit ~~(2)~~ that detects an object using a radar, an image detection unit ~~(3)~~ that detects an object using an image, and a collating unit ~~(4)~~ that performs collation between a detection result of the radar detection unit ~~(2)~~ and a detection result of the image detection unit ~~(3)~~,

the method comprising the steps of;

detecting a combination of an object detected by the radar detection unit ~~(2)~~ and an object selected among those detected by the image detection unit ~~(3)~~, which is the closest to the object detected by the radar detection unit ~~(S1, S2)~~,

detecting a combination of an object detected by the image detection unit ~~(3)~~ and an object selected among those detected by the radar detection unit ~~(2)~~, which is the closest to the object detected by the image detection unit ~~(S3, S4)~~,

determining whether there is a coincidence between the combination of the object detected by the radar detection unit ~~(2)~~ and the selected object as being closest thereto and the combination of the object detected by the image detection unit ~~(3)~~ and the selected object as being closest thereto, and;

determining, when there is the coincidence, that the object detected by the radar detection unit ~~(2)~~ is the same as the object detected by the image detection unit ~~(S5)~~.

11. (Currently Amended) The method according to claim 10, wherein the radar detection unit ~~(2)~~ comprises at least one of a millimeter-wave radar and a laser radar.

12. (Currently Amended) The method according to claim 10 or 11, wherein the image detection unit ~~(3)~~ comprises a stereo camera.